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| FORM PTO-1390 U.S.<br>(REV 5-93)   |  | DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE       | ATTORNEY'S DOCUMENT NUMBER<br>1136.0020002/JAG/ARB  |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A FILING UNDER 35 U.S.C. § 371</b>  |  |  | U.S. APPLICATION NO. OF KNOWLEDGE (SEE 37 C.F.R. § 1.5)<br><b>08/849117</b><br>To be assigned |
| INTERNATIONAL APPLICATION NO.<br>PCT/US95/15455  | INTERNATIONAL FILING DATE<br>November 28, 1995 | PRIORITY DATE CLAIMED<br>November 28, 1994; June 7, 1995 |   |
| TITLE OF INVENTION<br>Vectors for Tissue-Specific Replication  |  |  |   |
| APPLICANT(S) FOR DO/EO/US<br>Paul L. HALLENBECK, Yung-Nien CHANG, and Yawen L. CHIANG  |  |  |   |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |  |  |   |
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.</li> <li>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. § 371.</li> <li>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. § 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. § 371(b) and PCT Articles 22 and 39(1).</li> <li>4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. § 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau.</li> <li>c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. § 371(c)(2)).</li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International application under PCT Article 19 (35 U.S.C. § 371(c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. § 372(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. § 371(c)(4)).</li> <li>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)).</li> </ol> |  |  |   |
| Items 11. to 16. below concern other document(s) or information included:  |  |  |   |
| <ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. § 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. § 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A FIRST preliminary amendment.</li> <li>14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</li> <li>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>16. <input checked="" type="checkbox"/> Other items or information:<br/>           International Search Report (2 pages)<br/>           International Preliminary Examination Report (4 pages)         </li> </ol>  |  |  |   |

To be assigned

PCT/US95/15455

1136.0020002/JAG/ARB

17. ☒ The following fees are submitted:

CALCULATIONS

PTO USE ONLY

**Basic National Fee (37 CFR 1.492(a)(1)-(5)):**

Search Report has been prepared by the EPO or JPO . . . . . \$910.00

International preliminary examination fee paid to USPTO (37 CFR 1.482) . . \$700.00

No international preliminary examination fee paid to USPTO (37 CFR 1.482) but  
international search fee paid to USPTO (37 CFR 1.445(a)(2)) . . . . . \$770.00Neither international preliminary examination fee (37 CFR 1.482) nor international  
search fee (37 CFR 1.445(a)(2)) paid to USPTO . . . . . \$1040.00International preliminary examination fee paid to USPTO (37 CFR 1.482) and all  
claims satisfied provisions of PCT Article 33(2)-(4) . . . . . \$ 96.00**ENTER APPROPRIATE BASIC FEE AMOUNT**

= \$ 700.00

Surcharge of **\$130.00** for furnishing the oath or declaration later than ☐ 20 ☒ 30  
months from the earliest claimed priority date (37 CFR 1.492(e)).

\$ 130.00

Claims

Number Filed

Number Extra

Rate

Total

Claims

40-20

=

20

X \$22.00

\$ 440.00

Independent Claims

4-3

=

1

X \$80.00

\$ 80.00

Multiple dependent claim(s) (if applicable)

+ \$260.00

\$

**TOTAL OF ABOVE CALCULATIONS**

= \$1,350.00

Reduction by ½ for filing by small entity, if applicable. Verified Small Entity statement  
must be filed. (Note 37 CFR 1.9, 1.27, 1.28)

\$

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**SUBTOTAL**

= \$1,350.00

Processing fee of \$130.00 for furnishing the English translation later the ☐ 20 ☐ 30  
months from the earliest claimed priority date (37 CFR 1.492(f)).

\$

**TOTAL NATIONAL FEE**

= \$1,350.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be  
accompanied by an appropriate cover (37 CFR 3.28, 3.31). \$40.00 per property

\$

**TOTAL FEES ENCLOSED**

= \$1,350.00

Amount to be:  
refunded

\$

charged

\$

a. ☒ A check in the amount of \$1,350.00 to cover the above fees is enclosed.b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of  
this sheet is enclosed.c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit  
Account No. 19-0036. A duplicate copy of this sheet is enclosed.**NOTE:** Where an appropriate time limit Under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or  
(b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Sterne, Kessler, Goldstein &amp; Fox P.L.L.C.

1100 New York Avenue, NW, # 600

Washington, D.C. 20005-3934

Anne Brown  
Signature5/28/97  
Date

NAME

36,463

REGISTRATION NUMBER